

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2016/0058335 A1 **Ashby**

Mar. 3, 2016 (43) Pub. Date:

(54) SENSOR INCORPORATED INTO AN EXERCISE GARMENT

(71) Applicant: ICON Health & Fitness, Inc., Logan, UT (US)

Inventor: **Darren C. Ashby**, Richmond, UT (US)

(21) Appl. No.: 14/838,041

(22) Filed: Aug. 27, 2015

Related U.S. Application Data

(60) Provisional application No. 62/044,021, filed on Aug. 29, 2014.

Publication Classification

(51) Int. Cl. A61B 5/11 (2006.01)A61B 5/0488 (2006.01)A61B 5/00 (2006.01)

(52) U.S. Cl. CPC A61B 5/1118 (2013.01); A61B 5/4866 (2013.01); A61B 5/0488 (2013.01); A61B *5/7455* (2013.01); *A61B 5/6807* (2013.01)

(57) ABSTRACT

A garment includes at least one electrode attached to a fabric of the garment, and at least one accelerometer attached to the fabric of the garment. A wireless device in is communication with an activity information device, and at least one haptic input mechanism is incorporated into the fabric that provide a haptic response based on communications with the activity information device.

